

Supplementary Table 2: Additional adjustment for the potential confounders kidney function (as assessed using estimated glomerular filtration rate (eGFR) calculated using the CKD-EPI equation) and brain natriuretic peptide (BNP) in the JHS heart failure models, as well as potential mediator left ventricular hypertrophy.

			JHS				
			Q2	Q3	Q4	Trend	Per SD
Heart Failure	Model 4	Events/N	187/2688				
		HR (95% CI)	1.34 (0.78, 2.32)	1.65 (0.98, 2.78)	2.52 (1.52, 4.20)	1.37 (1.17, 1.60)	1.21 (1.06, 1.38)
	p-value		0.29	0.06	3.75×10^{-4}	9.10×10^{-5}	6.2×10^{-3}
	Model 5	Events/N	190/2756				
		HR (95% CI)	1.35 (0.78, 2.33)	1.70 (1.01, 2.85)	2.51 (1.51, 4.19)	1.36 (1.17, 1.59)	1.23 (1.08, 1.39)
	p-value		0.28	0.05	4.19×10^{-4}	8.13×10^{-5}	2.1×10^{-3}
	Model 6	Events/N	187/2688				
		HR (95% CI)	1.29 (0.74, 2.23)	1.55 (0.91, 2.61)	2.33 (1.38, 3.91)	1.33 (1.14, 1.56)	1.19 (1.03, 1.36)
	p-value		0.37	0.10	1.45×10^{-3}	4.01×10^{-4}	0.02
	Model 7	Events/N	113/1811				
		HR (95% CI)	1.33 (0.66, 2.66)	1.93 (0.99, 3.74)	2.72 (1.48, 4.99)	1.41 (1.17, 1.69)	1.22 (1.04, 1.43)
	p-value		0.43	0.05	1.27×10^{-3}	2.37×10^{-4}	0.01
	Model 8	Events/N	112/1764				
		HR (95% CI)	1.23 (0.60, 2.50)	1.63 (0.82, 3.24)	2.42 (1.29, 4.54)	1.36 (1.13, 1.65)	1.15 (0.97, 1.37)
	p-value		0.58	0.16	5.76×10^{-3}	1.55×10^{-3}	0.11

* All models in this table adjusted for age, sex, BMI, blood pressure medications, type 2 diabetes, systolic blood pressure, total cholesterol, high-density lipoprotein cholesterol, current smoking, C-reactive protein

Model 4: Additional adjustment for BNP.

Model 5: Additional adjustment for eGFR.

Model 6: Additional adjustment for BNP and eGFR.

Model 7: Additional adjustment for LVH.

Model 8: Additional adjustment for BNP, LVH, and eGFR.